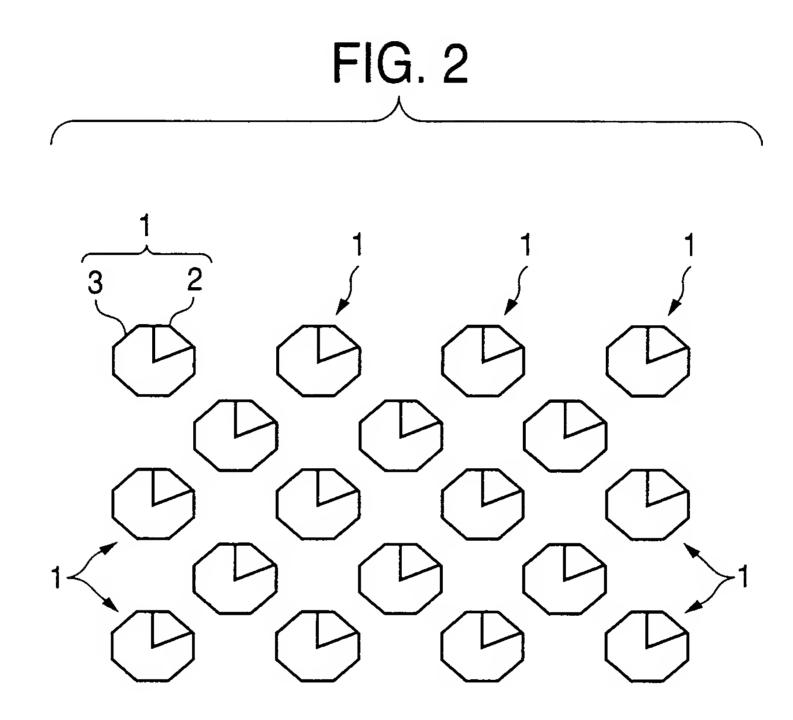


FIG. 1



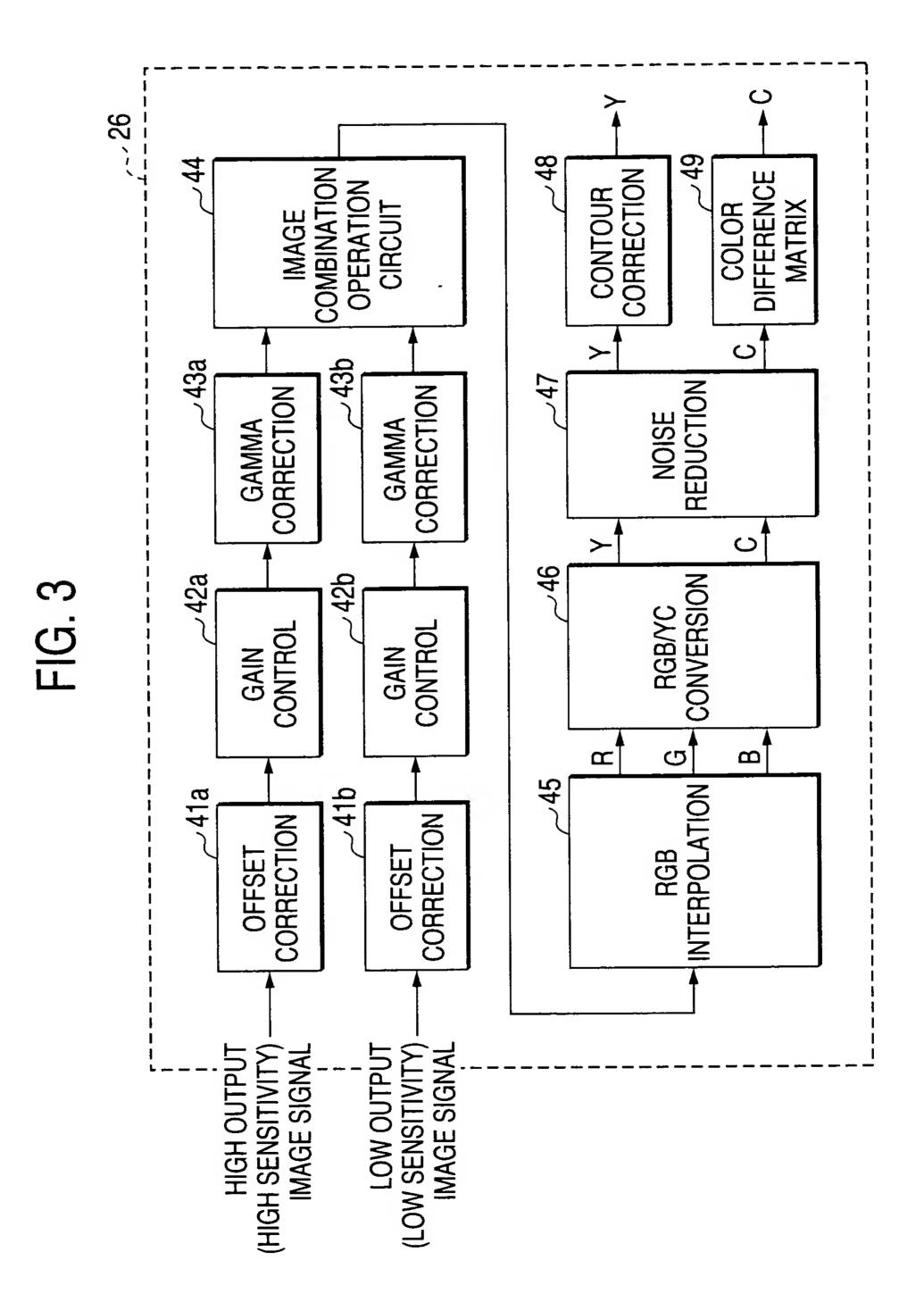
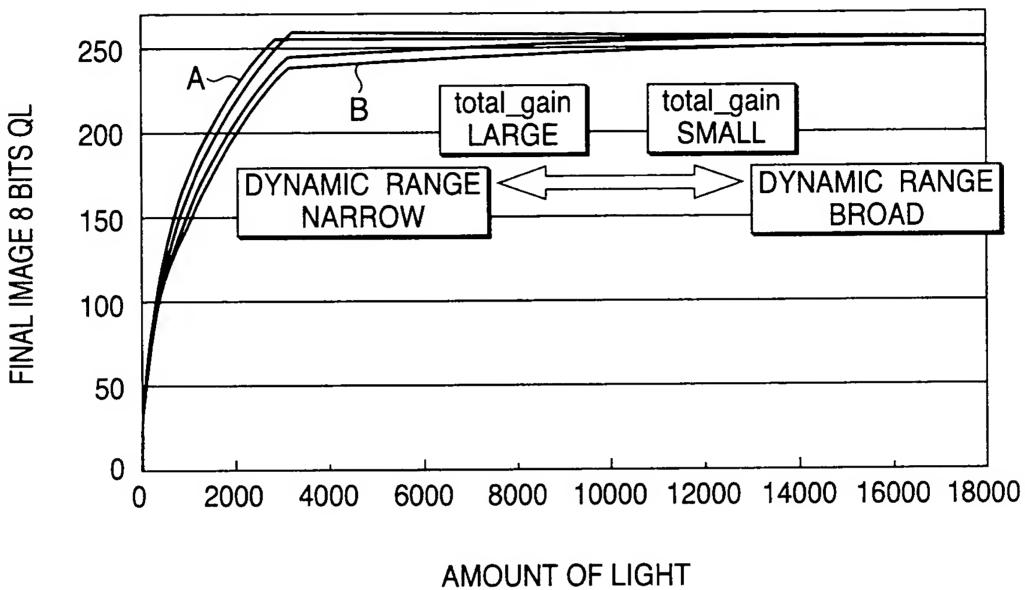
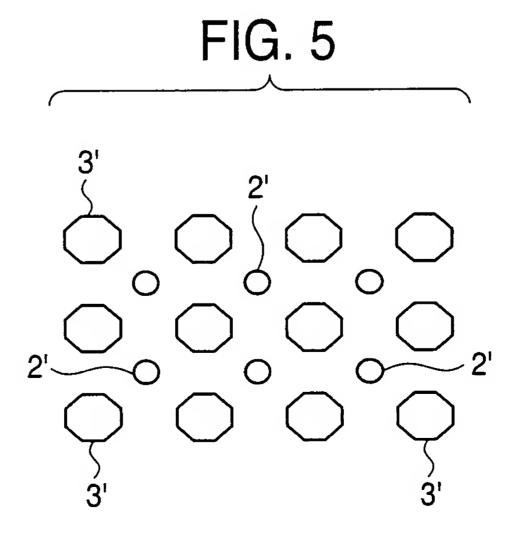
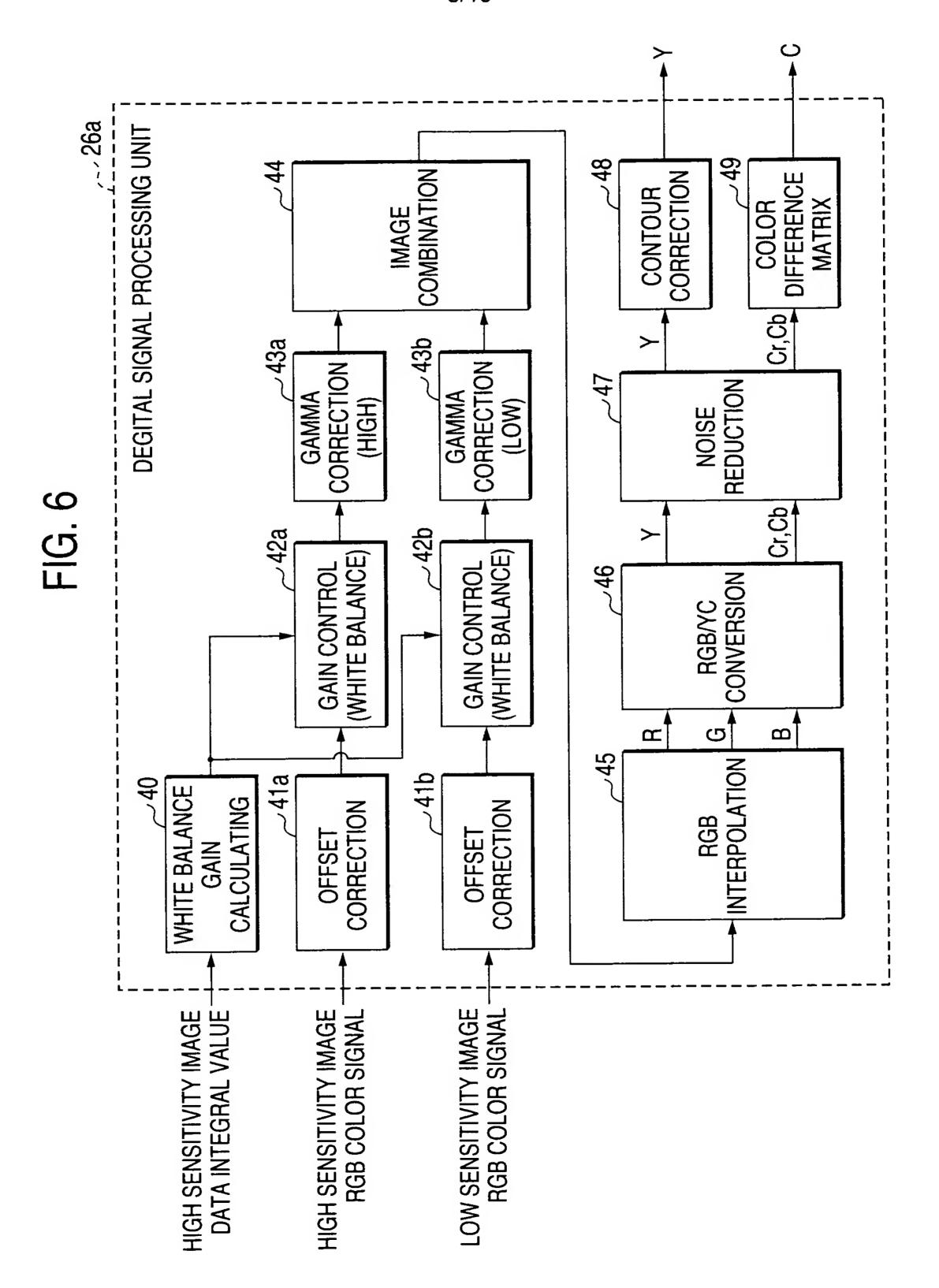
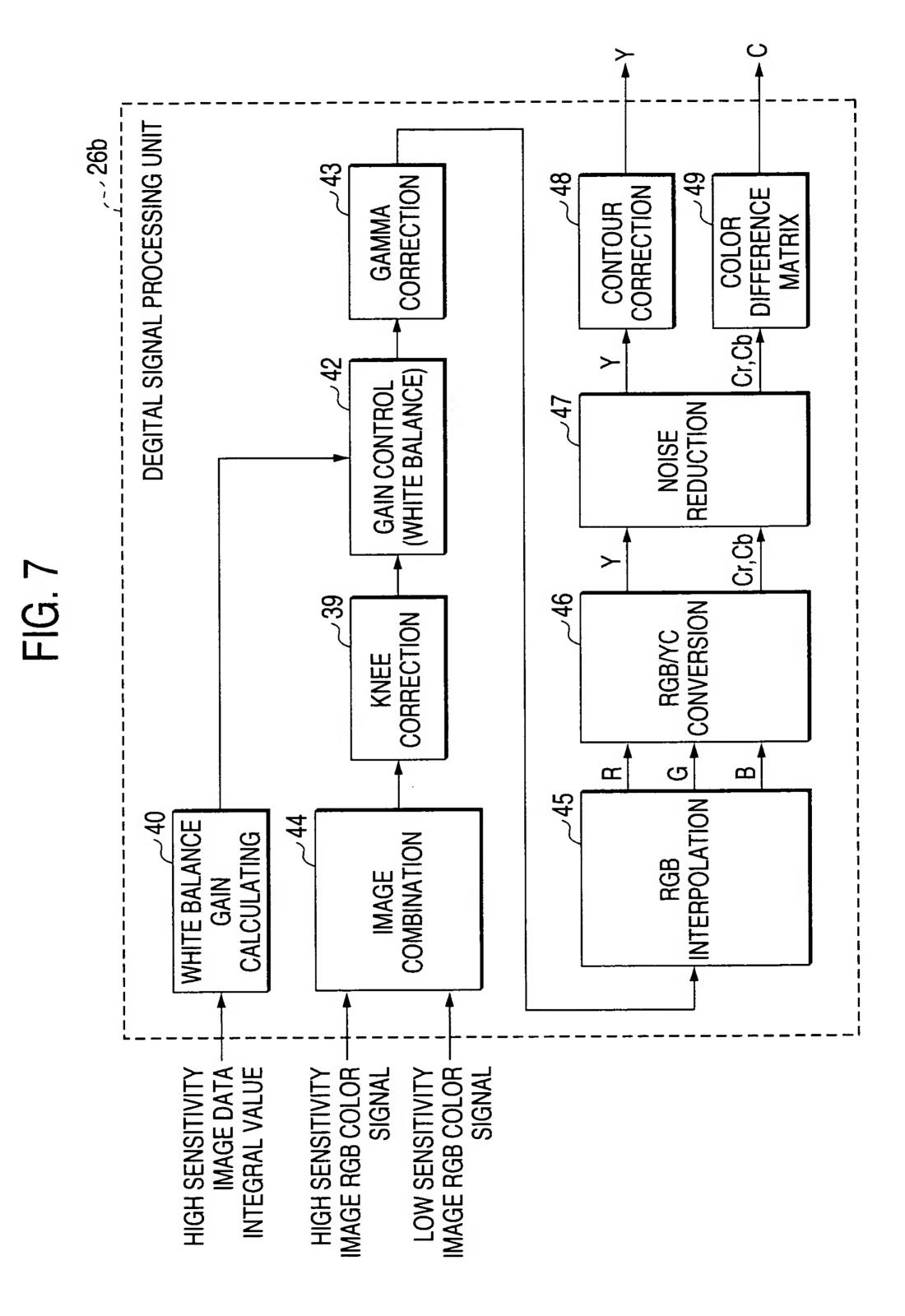


FIG. 4









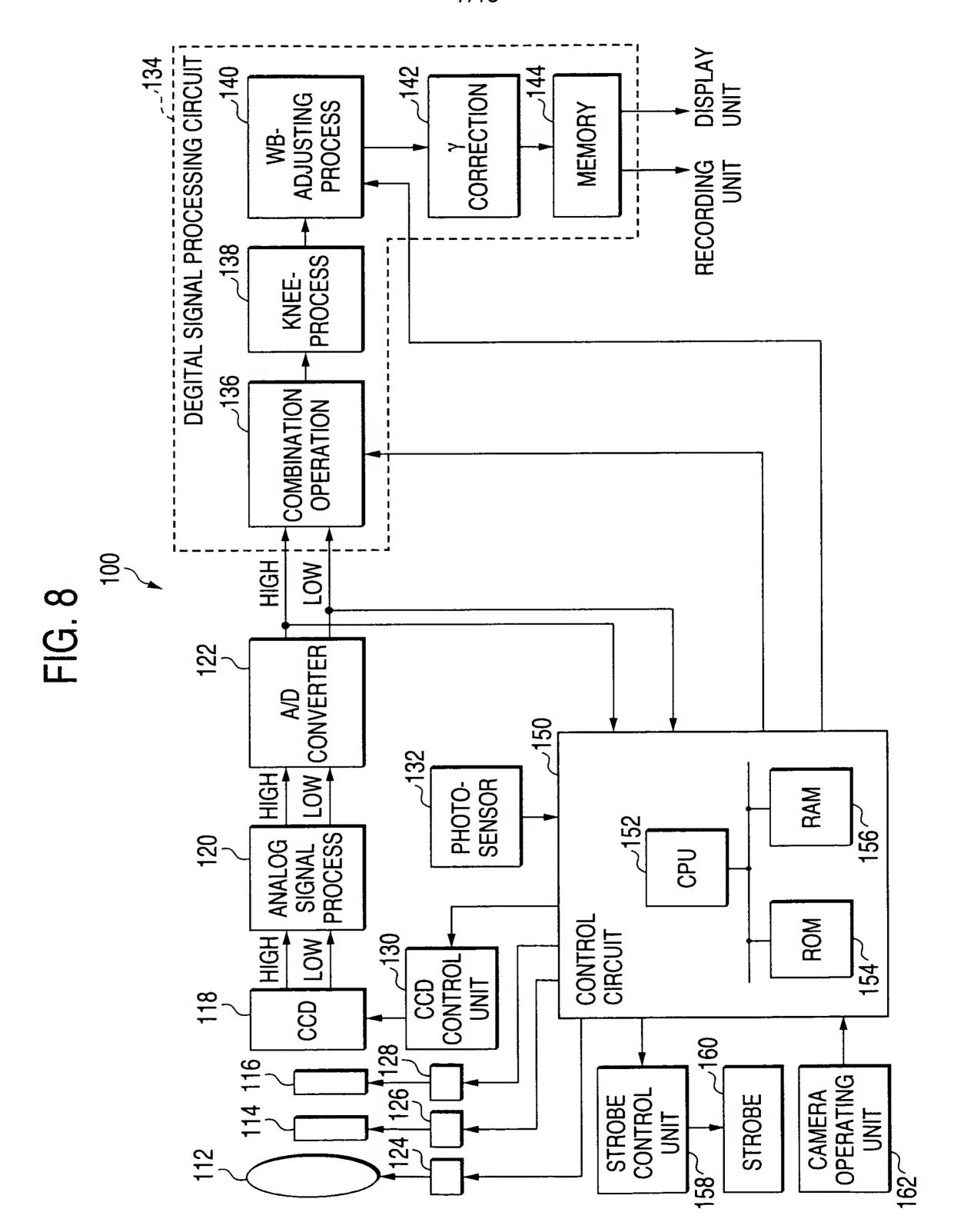
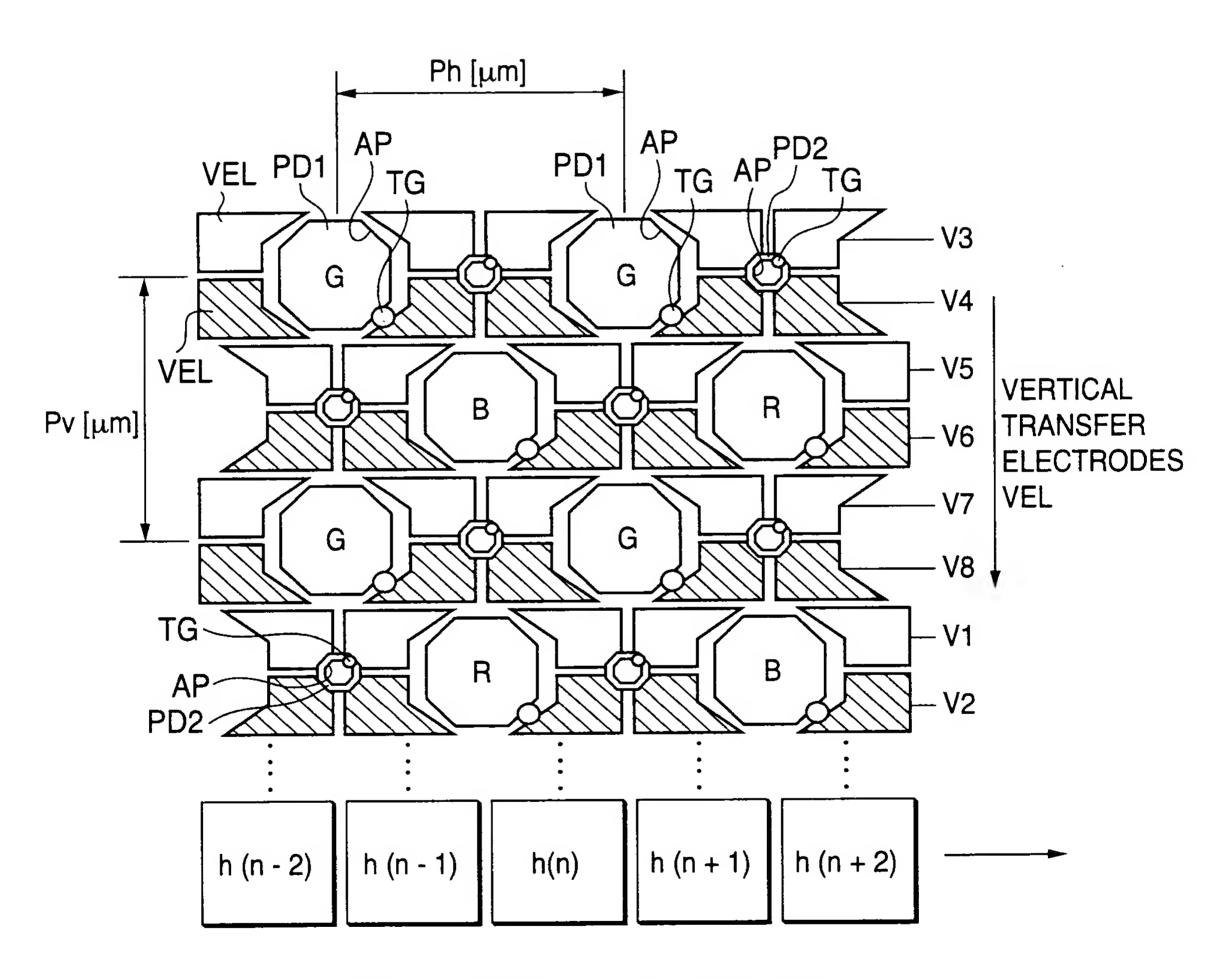
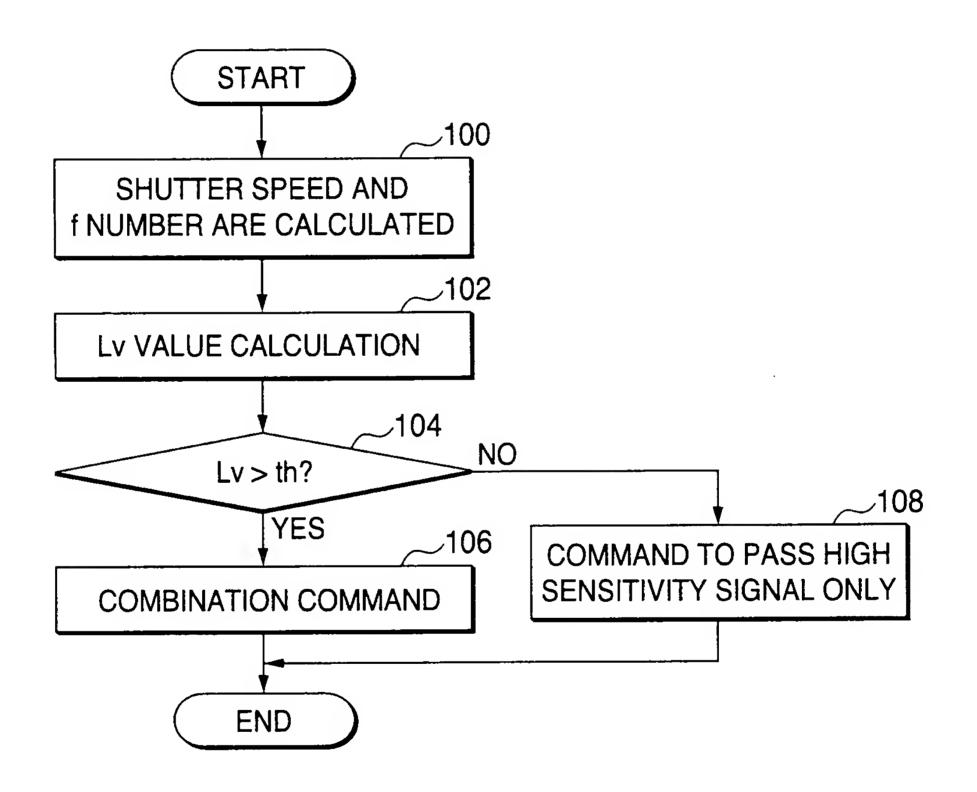


FIG. 9



HORIZONTAL TRANSFER ELECTRODES HEL

FIG. 10



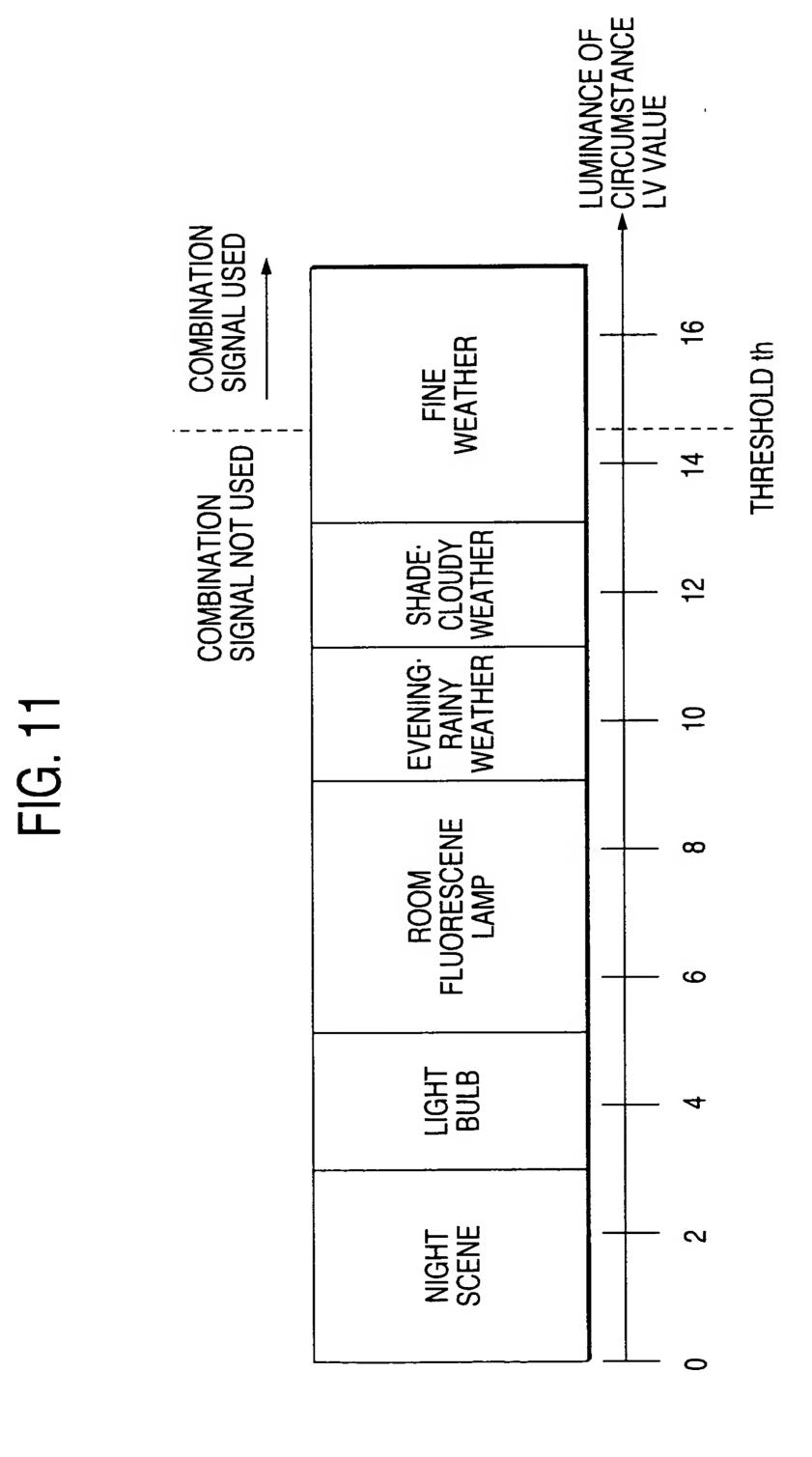
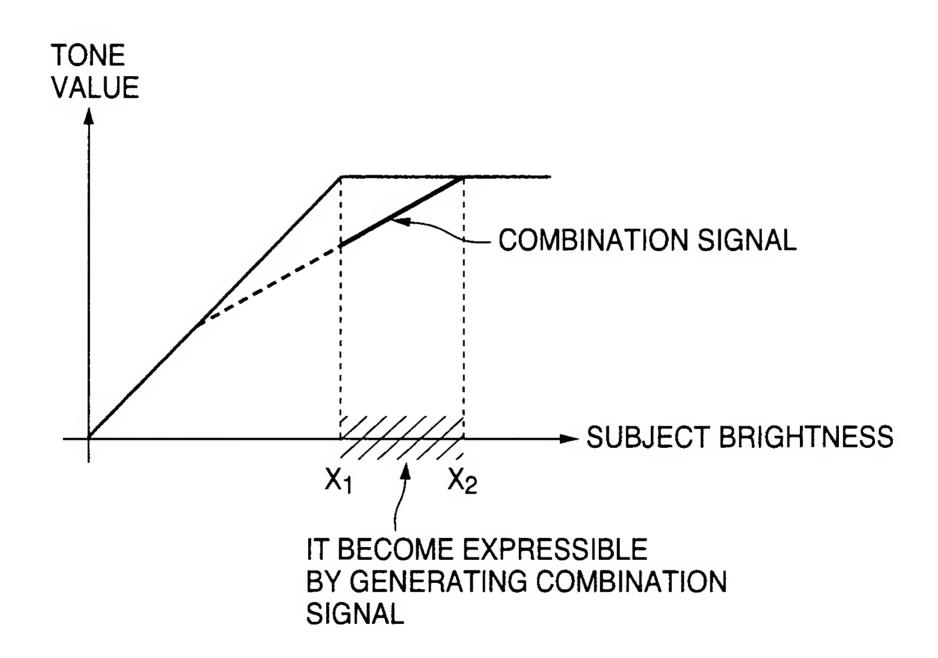


FIG. 12



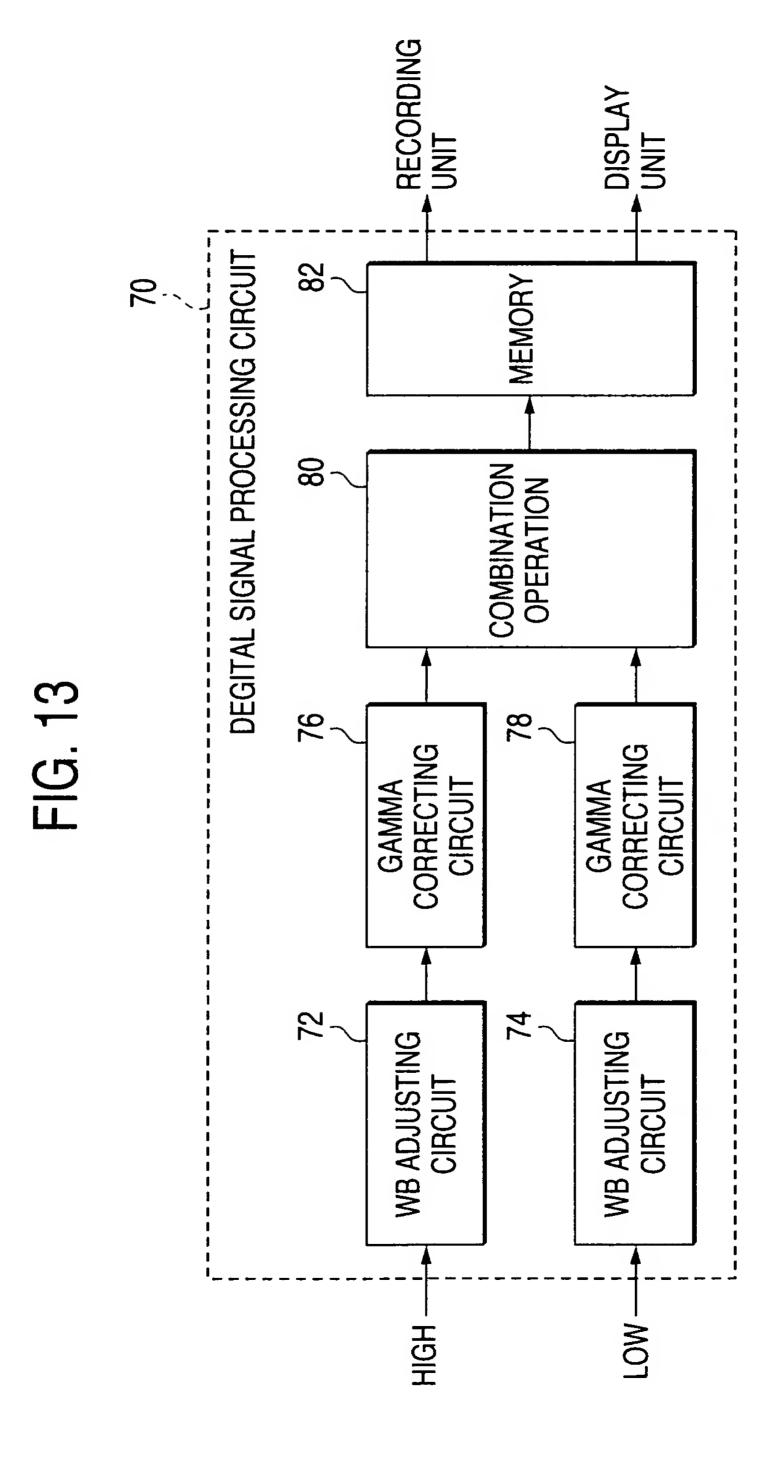


FIG. 14

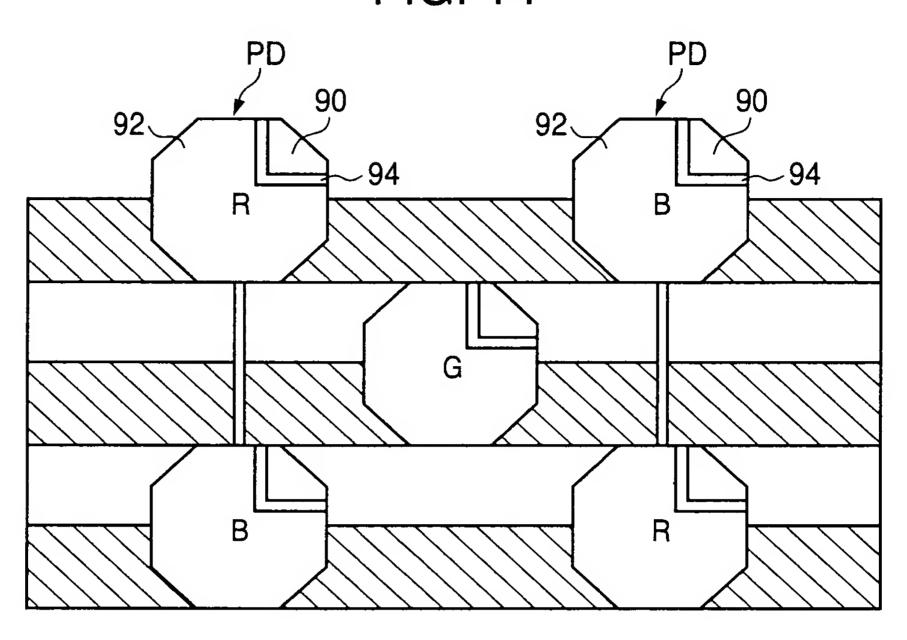
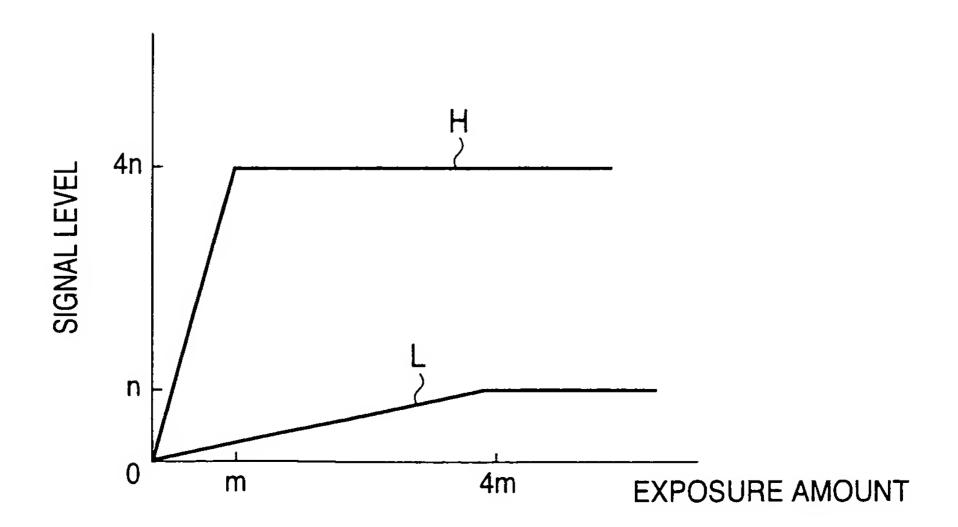
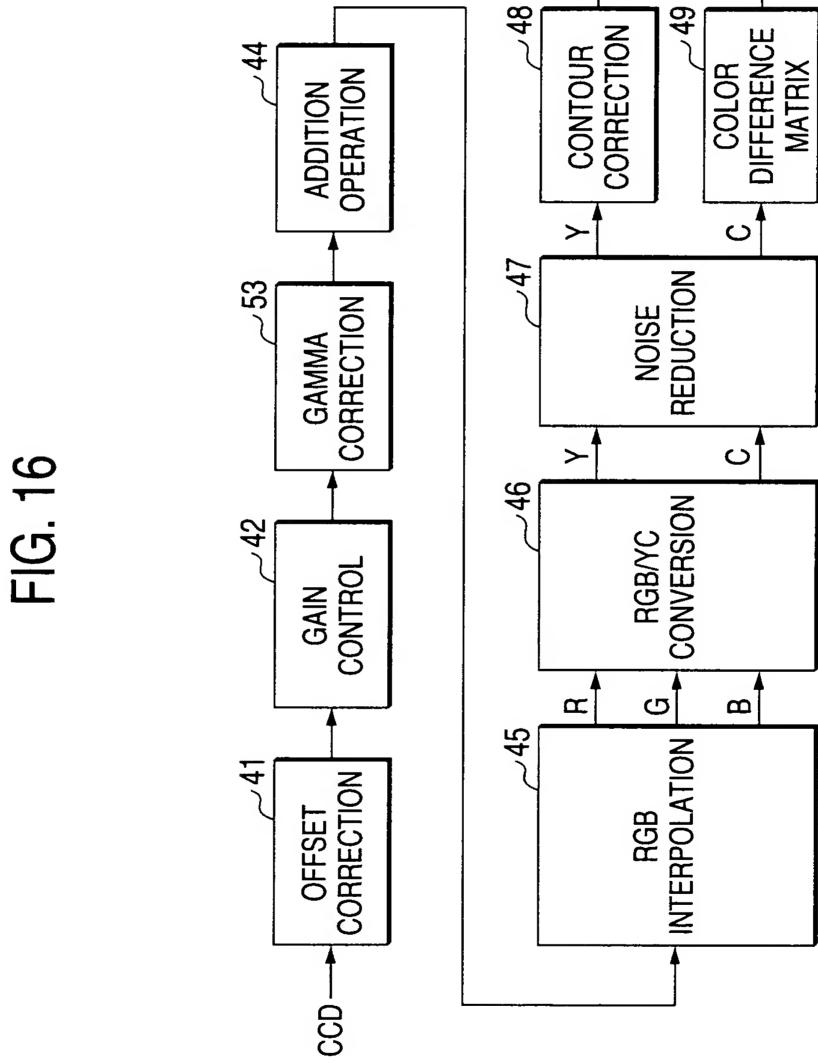


FIG. 15





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FIG. 17

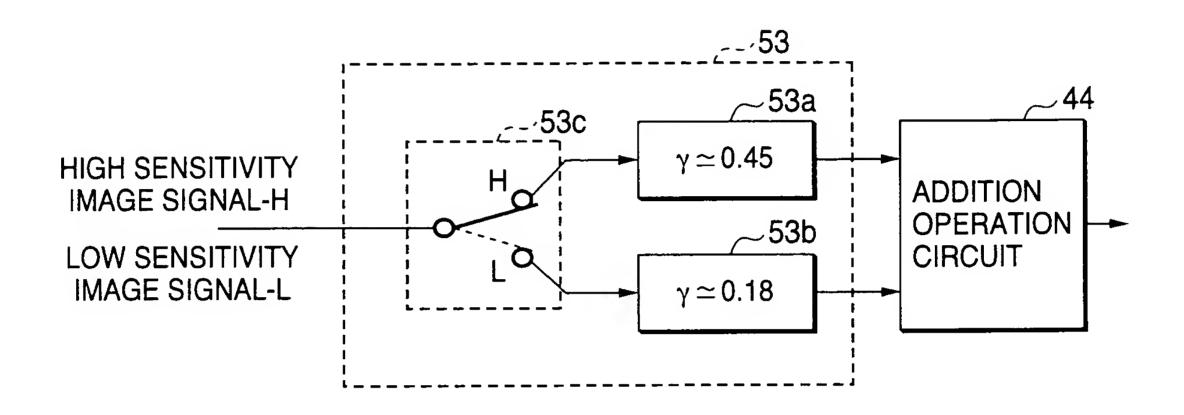


FIG. 18

